## **WEST Search History for Application 10533463**

Creation Date: 2008080113:01

Query	DB	Op.	Plur.	Thes.	Date
(tetra\$yl\$1ammonium or tri\$yl\$1amonium or di\$yl\$1ammonium or \$yl\$1tri\$yl\$1ammonium) with (tetrafluoroborate or bf4 or f4b)	EPAB, JPAB, DWPI	ADJ	YES		08-01-2008
(tetra\$yl or tri\$yl or di\$ly) with ammonium with (tetrafluoroborate or bf4 or f4b)	EPAB, JPAB, DWPI	ADJ	YES		08-01-2008
(tetra\$yl\$1ammonium or tri\$yl\$1amonium or di\$yl\$1ammonium or \$yl\$1tri\$yl\$1ammonium) with (halide or fluoride or choride or bromide or iodide)	EPAB, JPAB, DWPI	ADJ	YES		08-01-2008
(tetra\$yl or tri\$yl or di\$ly) with ammonium with (halide or fluoride or choride or bromide or iodide)	EPAB, JPAB, DWPI	ADJ	YES		08-01-2008
( ((tetra\$yl\$1ammonium or tri\$yl\$1amonium or di\$yl\$1ammonium or \$yl\$1tri\$yl\$1ammonium) with (tetrafluoroborate or bf4 or f4b) ) or ((tetra\$yl or tri\$yl or di\$ly) with ammonium with (tetrafluoroborate or bf4 or f4b) ) ) and ( ((tetra\$yl\$1ammonium or tri\$yl\$1amonium or di\$yl\$1ammonium or \$yl\$1tri\$yl\$1ammonium) with (halide or fluoride or choride or bromide or iodide) ) or ((tetra\$yl or tri\$yl or di\$ly) with ammonium with (halide or fluoride or choride or bromide or iodide) ))	EPAB, JPAB, DWPI	ADJ	YES		08-01-2008
(tetra\$yl\$1ammonium or tri\$yl\$1amonium or di\$yl\$1ammonium or \$yl\$1tri\$yl\$1ammonium or \$yl\$1ammonium or \$yl\$1ammonium) with (\$2bf4 or \$2f4b or tetrafluoroborate)	EPAB, JPAB, DWPI	ADJ	YES		08-01-2008
\$1y with ammonium with (tetrafluoroborate or \$2bf4 or \$2f4b)	EPAB, JPAB, DWPI	ADJ	YES		08-01-2008
quaternary with ammonium with (tetrafluoroborate or \$2bf4 or \$2f4b)	EPAB, JPAB, DWPI	ADJ	YES		08-01-2008
( (quaternary with ammonium with (tetrafluoroborate or \$2bf4 or \$2f4b) ) or (\$1y with ammonium with (tetrafluoroborate or \$2bf4 or \$2f4b) ) or ((tetra\$yl\$1ammonium or tri\$yl\$1ammonium or di\$yl\$1ammonium or \$yl\$1tri\$yl\$1ammonium or \$yl\$1ammonium or \$y1\$1ammonium or tri\$yl\$1ammonium or di\$yl\$1ammonium) with (\$2bf4 or \$2f4b or tetrafluoroborate) ) ) not (((tetra\$yl\$1ammonium or tri\$yl\$1ammonium or di\$yl\$1ammonium or \$yl\$1tri\$yl\$1ammonium) with	EPAB, JPAB, DWPI	ADJ	YES		08-01-2008

(tetrafluoroborate or bf4 or f4b) or (tetra\$yl or tri\$yl or di\$ly) with ammonium with (tetrafluoroborate or bf4 or f4b) ) and ((tetra\$yl\$1ammonium or tri\$yl\$1ammonium or di\$yl\$1ammonium or \$yl\$1tri\$yl\$1ammonium) with (halide or fluoride or choride or bromide or iodide) or (tetra\$yl or tri\$yl or di\$ly) with ammonium with (halide or fluoride or choride or bromide or iodide) ) )				
((quaternary with ammonium with (tetrafluoroborate or \$2bf4 or \$2f4b) or \$1y with ammonium with (tetrafluoroborate or \$2bf4 or \$2f4b) or (tetra\$yl\$1ammonium or tri\$yl\$1ammonium or di\$yl\$1ammonium or \$yl\$1tri\$yl\$1ammonium or \$yl\$1tri\$yl\$1ammonium or \$yl\$1ammonium or tri\$yl\$1ammonium or di\$yl\$1ammonium or tri\$yl\$1ammonium or di\$yl\$1ammonium or \$yl\$1tri\$yl\$1ammonium or di\$yl\$1ammonium or tri\$yl\$1ammonium) with (tetrafluoroborate or bf4 or f4b) or (tetra\$yl or tri\$yl or di\$ly) with ammonium with (tetrafluoroborate or bf4 or f4b) and ((tetra\$yl\$1ammonium or tri\$yl\$1ammonium or di\$yl\$1ammonium or \$yl\$1tri\$yl\$1ammonium or tri\$yl\$1ammonium or di\$yl\$1ammonium or \$yl\$1tri\$yl\$1ammonium) with (halide or fluoride or choride or bromide or iodide) ) ) and (halide or fluoride or choride or bromide or iodide)	EPAB, JPAB, DWPI	ADJ	YES	08-01-2008
((quaternary with ammonium with (tetrafluoroborate or \$2bf4 or \$2f4b) or \$1y with ammonium with (tetrafluoroborate or \$2bf4 or \$2f4b) or (tetra\$yl\$1ammonium or tri\$yl\$1ammonium or di\$yl\$1ammonium or \$yl\$1tri\$yl\$1ammonium or \$yl\$1tri\$yl\$1ammonium or \$yl\$1ammonium or tri\$yl\$1ammonium or di\$yl\$1ammonium or tri\$yl\$1ammonium or di\$yl\$1ammonium or \$yl\$1tri\$yl\$1ammonium or di\$yl\$1ammonium or \$yl\$1tri\$yl\$1ammonium) with (tetrafluoroborate or bf4 or f4b) or (tetra\$yl or tri\$yl or di\$ly) with ammonium with (tetrafluoroborate or bf4 or f4b) and ((tetra\$yl\$1ammonium or tri\$yl\$1ammonium or di\$yl\$1ammonium or \$yl\$1tri\$yl\$1ammonium or di\$yl\$1ammonium with (halide or fluoride or choride or bromide or iodide) or (tetra\$yl or tri\$yl or di\$ly) with ammonium with (halide or fluoride or choride or bromide or iodide) ) and (halide or fluoride or choride or bromide or iodide) ) and @pd<20031031	EPAB, JPAB, DWPI	ADJ	YES	08-01-2008
((quaternary with ammonium with (tetrafluoroborate or \$2bf4 or \$2f4b) or \$ly with ammonium with (tetrafluoroborate or \$2bf4 or \$2f4b) or (tetra\$yl\$1ammonium or tri\$yl\$1ammonium or di\$yl\$1ammonium or \$yl\$1tri\$yl\$1ammonium or \$yl\$1ammonium or \$yl\$1ammonium or tri\$yl\$1ammonium or di\$yl\$1ammonium or tri\$yl\$1ammonium or di\$yl\$1ammonium or tri\$yl\$1ammonium or di\$yl\$1ammonium or byl\$1tri\$yl\$1ammonium or di\$yl\$1ammonium with (tetrafluoroborate or bf4 or f4b) or (tetra\$yl or tri\$yl or di\$ly) with ammonium with (tetrafluoroborate or bf4 or f4b)	EPAB, JPAB, DWPI	ADJ	YES	08-01-2008

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) and ((tetra\$yl\$1ammonium or tri\$yl\$1amonium or				
di\$yl\$1ammonium or \$yl\$1tri\$yl\$1ammonium) with (halide				
or fluoride or choride or bromide or iodide) or (tetra\$yl or				
tri\$yl or di\$ly) with ammonium with (halide or fluoride or				
choride or bromide or iodide) ) and (halide or fluoride or				
choride or bromide or iodide) ) not ((quaternary with				
ammonium with (tetrafluoroborate or \$2bf4 or \$2f4b) or \$ly				
with ammonium with (tetrafluoroborate or \$2bf4 or \$2f4b)				
or (tetra\$yl\$1ammonium or tri\$yl\$1amonium or				
di\$yl\$1ammonium or \$yl\$1tri\$yl\$1ammonium or				
\$yl\$1ammonium) with (\$2bf4 or \$2f4b or tetrafluoroborate)				
) not ((tetra\$yl\$1ammonium or tri\$yl\$1amonium or				
di\$yl\$1ammonium or \$yl\$1tri\$yl\$1ammonium) with				
(tetrafluoroborate or bf4 or f4b) or (tetra\$yl or tri\$yl or				
di\$ly) with ammonium with (tetrafluoroborate or bf4 or f4b)				
) and ((tetra\$yl\$1ammonium or tri\$yl\$1amonium or				
di\$yl\$1ammonium or \$yl\$1tri\$yl\$1ammonium) with (halide				
or fluoride or choride or bromide or iodide) or (tetra\$yl or				
tri\$yl or di\$ly) with ammonium with (halide or fluoride or				
choride or bromide or iodide) ) and (halide or fluoride or				
choride or bromide or iodide) and @pd<20031031)				